



ग्रामीण कार्य विभाग

पथ का नाम :- 102 पुर्तई हॉस्पिटल से मिर्गिनि टांका पुर्तई तड पञ्चा

कार्य प्रमण्डल :- बेनीपुर।

कार्य अंचल :- दरभंगा।

प्रखण्ड का नाम :- तारडीह।

प्राक्कलित राशि :- ~~6,11,435-00~~
5,66,716-00

Abstract of Govt.

प्रतिवेदन

पथ का नाम :- बि० पुतई हॉस्पिटल से प्रिमिरी टाला पुल्टा तक पथ।
पथ की लं० :- 1.025KM
प्राक्कलित राशि :- 6,11,435/-

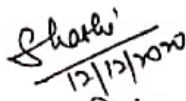
यह प्राक्कलन मो० 6,11,435/- का बनाया गया है। ज्ञातव्य हो कि विगत माह जूलाई-अगस्त 2020 में अतिवृष्टि एवं बाढ़ के कारण तारडीह प्रखण्ड के बहुत से सड़क में टुटान हो गया। विभागीय आदेश -मु० अ०-04(मु०) विविध कार्य 23-40/2016-2729 अनु० दिनांक-21.08.2020 एवं कार्यपालक अभियंता महोदय के आदेश के अनुपालनार्थ यह प्राक्कलन बनाया गया है। प्राक्कलन में सड़क की अधिक गड्ढी खाई में मिट्टी भरकर तदनुपरान्त ईट टुकड़ा की एक समुचित परत डाल कर यातायात सुलभ हेतु मजबूतीकरण की गई है। फलैंक में क्रॉस पाइलिंग के उपरान्त सीमेंट की खाली बोरी में स्थानीय बालू भरकर सीमेंट कंक्रीट सड़क को बचाने का काम किया गया है।

प्राक्कलन वर्तमान में कार्य अंचल दरभंगा की अनुसूचित दर पर तैयार किया गया है।

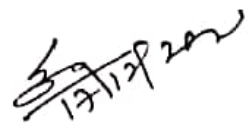
प्राक्कलन की स्वीकृति कार्य हीत एवं जनहीत में अपेक्षित है।


12/12/2020

कनीय अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रशाखा तारडीह


12/12/2020

सहायक अभियंता,
ग्रामीण कार्य विभाग,
कार्य अवर प्रमण्डल तारडीह,


12/12/2020

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमण्डल बेनीपुर

Abstract of Cost.

1. पथ का नाम :- 702 युवर्ष हॉस्पिटल रो बिपिन चौला मुर्त नड पत्र।
2. प्राक्कलित राशि :- 6,11,135=00
3. कार्य प्रमण्डल :- बेनीपुर।
4. प्रखण्ड :- तारडीह।

i. Restoration of road embankment with approval material from borowpit of earth

etc. do.....do.....do.....

191.76 M³ @ Rs 172.79/M³ ————— Rs 33134=21

ii. Providing and laying of brick bats in with carriag: by tractor loading with front end loader with light ramming etc all complete jobs as per specifications and direction of E/I.

241.85
262.31 M³ @ Rs 184046/M³ ————— Rs 4,82,692=36

Add 12.10 C.S.T ————— Rs 5,38,177=00

Add 1.10 L.C ————— Rs 5,38,177=00

Add S.F — (191.76 x 34.81 x 10.1) ————— Rs 67,898=18

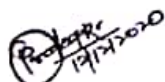
241.85
262.31 x 10.1 x 10.1 ————— Rs 5,58,360=00

————— = 28,551=06

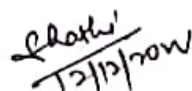
Rs 6,11,435=00

Say Rs = 6,11,435=00

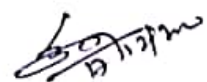
5,66,716=00



JE
RWD, Work section
Tardih.



AE
RWD, Works Sub division
Tardih.



EE
RWD, Works Division
Benipur.

आमपासुत अतिमंता, अणु वग विठ, अति प्रमण्डल - अमनगर अ पत्रां - 798 अणु / 12.13
07.04.2021 के द्वारा अतिमंता अतिमंता अतिमंता के अणु (पर -

अतिमंता T/A अणु Rs 5,66,716.00 (Rupees five Lacs—
Siny six thousand Seven hundred sixty only,
09.04.21

Superintending Engineer

RWD, Works Circle, Darbhanga
09/04/2021

FDR

रा. का नाम - गो. पुर्न हॉस्पिटल से त्रिविदि लाला पुर्न तड पथ - 1.025 km
 ब्लॉक का नाम - तारडीह.

* Flood Reclamation Revet Estimate - July - 2020.

			Only Amount/m ³
10	items of work,		
(1.1)	Restoration of Road embankment with approval material from karnam etc. do - do all complete job as per bill		
	CHAINAGE (M)	LENGTH (M)	MEASUREMENT DETAILS.
	465M	12M	$12M \times \left(\frac{1+1.50}{2}\right) \times \left(\frac{0.90+0.60}{2}\right) = 11.25m^3$
	630M	6M	$6M \times \left(\frac{1+0.90}{2}\right) \times \left(\frac{0.75+0.30}{2}\right) = 2.99m^3$
	740M	28M	$28M \times \left(\frac{1+0.75}{2}\right) \times \left(\frac{0.30+0.90}{2}\right) = 11.02m^3$
	920M	18.50M	$18.50M \times \left(\frac{6.50+5.50}{2}\right) \times 1.50M (AV) = 166.50m^3$
			<u>191.76m³</u>
(2.1)	Providing and laying of Brick Bats with carriage by Tractor loading with front end loader with light ramming etc all complete job as per bill		
	CHAINAGE (M)	LENGTH (M)	MEASUREMENT DETAILS.
	465M	25M	$25M \times \left(\frac{1+1.50}{2}\right) \times 0.30M (AV) = 9.37m^3$
	600M	14M	$14M \times \left(\frac{2.1+1.5}{2}\right) \times \left(\frac{0.90+0.75}{2}\right) = 51.99m^3$
		6M	$6M \times 2.10M \times \left(\frac{0.45+0.30}{2}\right) = 4.72m^3$
		5.50M	$5.50M \times 1.45M \times \left(\frac{0.75+0.60}{2}\right) = 5.67m^3$
		6.40M	$6.40M \times 3.20M \times 0.25M (AV) = 5.12m^3$
	800M		$\left(\frac{10M+6M}{2}\right) \times 3.50M (AV) \times 0.45M (AV) = 12.60m^3$
		6M	$6M \times 1M \times 0.30M (AV) = 1.80m^3$
	900M	9.50M	$9.50M \times \left(\frac{3+3.50}{2}\right) \times 0.45M (AV) = 10.96m^3$
	920M	18.50M	$18.50M \times \left(\frac{5+3.50}{2}\right) \times 0.50M (AV) = 70.76m^3$
	1000M	3.40M	$3.40M \times 2.10M (AV) \times 0.60M (AV) = 4.28m^3$
			$8.20M \times 2.20M \times \left(\frac{0.60+0.30}{2}\right) (AV) = 8.11m^3$
	1025M	28.50M	$28.50M \times \left(\frac{4.50+3.50}{2}\right) \times \left(\frac{0.60+0.75}{2}\right) = 76.95m^3$
			<u>262.31m³</u>

Physically verified and corrected as per site

Charw
12/12/20
KE

Physically verified and corrected as per site

07.04.21
AE

C/E
EE
5/4

- * राड का नाम - 70, पुर्त हास्पिटल से त्रिपिरी टाँला पुर्त तड पछ - 1.025 km
- * ब्लॉक का नाम - तारडीह,
- * FLOOD DAMAGE ROAD ESTIMATE - JULY - 2020.

S.NO	ITEMS OF WORK	Qty Amount
[1.]	Restoration of Road Embankment With approved material From borrow pit etc. do — do all complete job as per E.L.	
	CHAINAGE(M) LENGTH(M) MEASUREMENT DETAILS.	
	465M 12M $12m \times \left(\frac{1+1.50}{2}\right) \times \left(\frac{0.90+0.60}{2}\right) = 11.25m^3$	
	630M 6M $6m \times \left(\frac{1+0.90}{2}\right) \times \left(\frac{0.75+0.30}{2}\right) = 2.99m^3$	
	740M 28M $28m \times \left(\frac{1+0.75}{2}\right) \times \left(\frac{0.30+0.90}{2}\right) = 11.02m^3$	
	920M 18.50M $18.50m \times \left(\frac{6.50+5.50}{2}\right) \times 1.50m(AV) = 166.50m^3$	191.76m ³
[2.]	Providing and laying of Brick Bats with Carriage by Tractor loading with front end loader with light ramming etc all complete job as per E.L.	
	CHAINAGE(M) LENGTH(M) MEASUREMENT DETAILS.	
	465M 25M $25m \times \left(\frac{1+1.50}{2}\right) \times 0.30m(AV) = 9.37m^3$	
	600M 14M $14m \times \left(\frac{3.0+4.5}{2}\right) \times \left(\frac{0.90+0.75}{2}\right) = 51.97m^3$	
	6M $6m \times 2.10m \times \left(\frac{0.45+0.30}{2}\right) = 4.72m^3$	
	580M $5.80m \times 1.45m \times \left(\frac{0.75+0.60}{2}\right) = 5.67m^3$	
	6.40M $6.40m \times 3.20m \times 0.25m(AV) = 5.12m^3$	
	800M $\left(\frac{10m+8m}{2}\right) \times 3.50m(AV) \times 0.45m(AV) = 12.60m^3$	
	6M $6m \times 1m \times 0.30m(AV) = 1.80m^3$	
	900M 7.50M $7.50m \times \left(\frac{3+3.50}{2}\right) \times 0.45m(AV) = 10.96m^3$	
	920M 18.50M $18.50m \times \left(\frac{5+3.50}{2}\right) \times 0.75m(AV) = 58.96m^3$	
	1000M 3.40M $3.40m \times 2.10m(AV) \times 0.60m(AV) = 4.28m^3$	
	1025M 28.50M $8.20m \times 2.20m \times \left(\frac{0.60+0.30}{2}\right)(AV) = 8.11m^3$	
	$28.50m \times \left(\frac{4.50+3.50}{2}\right) \times \left(\frac{0.60+0.75}{2}\right) = 76.95m^3$	241.85
		262.31m ³

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Signature
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FOR FDR JULY 2020.

Providing and Laying of Bricks bats with Carriage by Tractor loading. With front and loader with Light tamping etc. all complete job as per specification and direction of E/c.

BY TRACTOR. [Without C.P.] For Departmental Work

① Surface lead = 7 K.M } 8 K.M
Katchha lead = 1 K.M
Factor [5.6/2.25] = 1.60

ie Carriage Cost (with OH) = $[(1.60 \times 7 \text{ K.M} \times 17.25) + (1.60 \times 1 \text{ K.M} \times 26.95) + 182.39]$
= Rs 418.71

∴ Total Cost of Bricks bats = Rs 1126.78 [Bricks bats with OH]
+ Rs 418.71 [Carriage Cost with OH]
+ Rs 322.27 [Labour Cost with OH]
Total Rs 1867.76 [Without GST + LC + SF]
PMB

② Surface lead = 6 K.M / Katchha = 1 K.M / Factor = 1.60

Carriage Cost (with OH) = $[(1.60 \times 6 \text{ K.M} \times 17.25) + (1.60 \times 1 \text{ K.M} \times 26.95) + 182.39]$
= Rs 391.11

Total Cost of Bricks bats PMB = Rs 1126.78
+ Rs 391.11
+ Rs 322.27
Total Rs 1840.16 PMB [Without GST + LC + SF]

③ Surface lead = 5 K.M / Katchha = 1 K.M / Factor = 1.60

Carriage Cost (with OH) = $[(1.60 \times 5 \text{ K.M} \times 17.25) + (1.60 \times 1 \text{ K.M} \times 26.95) + 182.39]$
= Rs 363.51

Total Cost of Bricks bats PMB = Rs 1126.78
+ Rs 363.51
+ Rs 322.27
Total Rs 1812.56 PMB [Without GST + LC + SF]

④ Surface lead = 4 K.M / Katchha = 1 K.M / Factor = 1.60

Carriage Cost (with OH) = $[(1.60 \times 4 \text{ K.M} \times 17.25) + (1.60 \times 1 \text{ K.M} \times 26.95) + 182.39]$
= Rs 335.91

Total Cost of Bricks bats PMB = Rs 1126.78 + Rs 335.91 + Rs 322.27 = Rs 1784.96
[Without GST + LC + SF]

⑤ Surface lead = 3 K.M / Katchha = 1 K.M / Factor = 1.60

Carriage Cost (with OH) = $[(1.60 \times 3 \text{ K.M} \times 17.25) + (1.60 \times 1 \text{ K.M} \times 26.95) + 182.39]$
= Rs 308.31

Total Cost of Bricks bats PMB = Rs 1126.78 + Rs 308.31 + Rs 322.27 = Rs 1757.36
[Without GST + LC + SF]

नोट:- यदि ग्राहक कार्य स्वयं से थोड़ा/बिगानी की इन्दी का प्रमाण प्रस्तुत करेंगे तो उसका ध्यान में रखा जाएगा। साथ ही इन्दी के आधार पर ही दुलाई की आकलन किया जाएगा।

(A) Labours for laying brick bats / shama kha including light etc.

Unit = Per M³
 Taking output = 2.832 M³
 Unskilled Mazdoor = 3 Nos @ 287.00 = Rs 861.00
 6% OH = Rs 51.66
 Rate for 2.832 M³ = Rs 912.66
 Rate per M³ = Rs 322.27 ✓

(B) Haulage excluding loading and unloading, spacking
Haulage of Materials by Tractor

Unit = t.k.m
 Taking output 3.60-tonne load and lead 10 k.m = 36.0 t.k.m

(i) Surface Road

Speed with load = 15 k.m/hour
 Speed while returning empty = 25 k.m/hour

(a) Machinery

Tractor 3.6 tonne Capacity
 (i) Time taken for one trip = 0.667 @ 549.10/hour = Rs 366.25
 (ii) Time taken for empty return = 0.400 @ 549.10/hour = Rs 219.64
 (iii) Over head (OH) charge 6% = Rs 35.15
 = Rs 621.04

Cost for 36 t.k.m
 Rate per t.k.m = Rs 17.25 ✓

(ii) Katchha Road

Speed with load 12 k.m/hour
 Speed for empty return trip 20 k.m/hour

(a) Machinery

Tractor 3.6 tonne Capacity
 Time taken for one haulage with load = 1.00 @ 549.10/hour = Rs 549.10
 Time taken for empty return trip = 0.667 @ 549.10/hour = Rs 366.25
 (b) OH @ 6% = Rs 54.92
 = Rs 970.27

Cost for 36 t.k.m =
 Rate per t.k.m = Rs 26.95 ✓

(C) Loading and unloading brick bats / shama kha / sand etc.

placing tractor at loading point, loading with front loader, dumping, turning for return trip, excluding haulage and return trip.

Unit = cum / Taking output = 2.25 M³ / Time required 70% (1.125 hrs)

(i) Labour

Unskilled Labour for loading/unloading 0.72 @ 287/day = Rs 206.64

(ii) Machinery

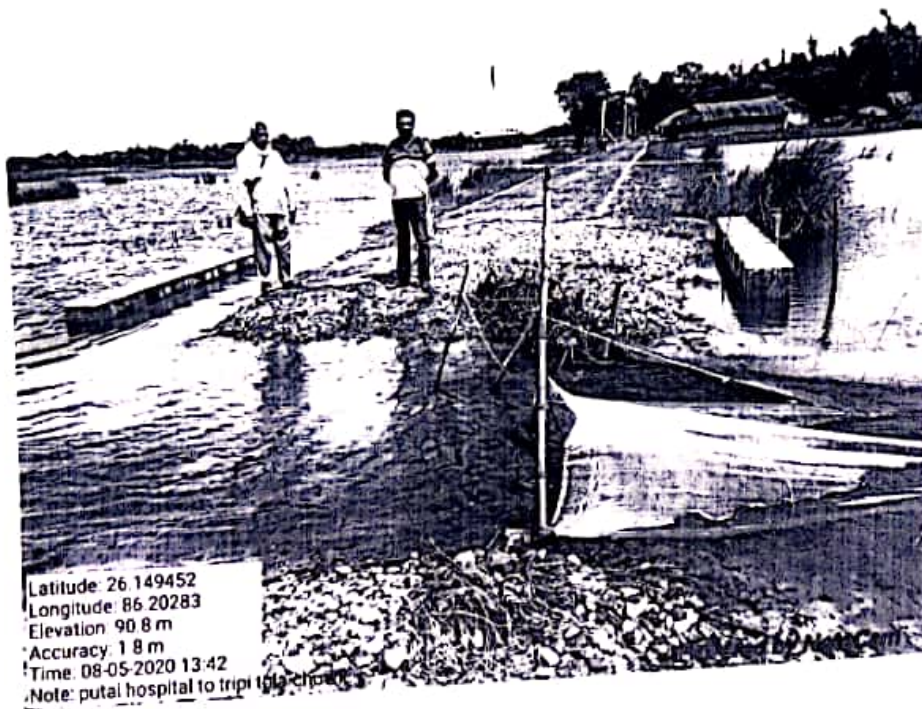
Tractor 3.6 t. Capacity 0.1 @ 549.10/hour = Rs 54.91
 Front end loader 1.5 cu. yd capacity 0.083 @ 1402.00/h = Rs 116.45
 = Rs 23.23

(iii) Over head (OH) = 6%

Cost for 2.25 M³ = Rs 410.38
 Rate per M³ = Rs 182.39 ✓

(D) Supply for brick bats (with OH)
 Basic Rate of Brick bats Rs 1063.00 } Rs 1126.78 ✓
 Add 6% OH Rs 63.78

पुल का नाम : पुल बरिपुर से तहसीरी रा



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101 35 00

पुनर्निर्माण के लिए



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Tardik

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Tardik

EE
PWD, Benipur

पत्र की नाम पुनर् 8/12/2020 री गुण 1100



Latitude: 26.149357
Longitude: 86.202948
Elevation: 42.27 m
Accuracy: 12.0 m
Time: 17-12-2020 12:39
Note: T02putai hospital to trapi ch...



Latitude: 26.150835
Longitude: 86.200796
Elevation: 42.26 m
Accuracy: 15.0 m
Time: 17-12-2020 12:43
Note: T02putai hospital to trapi ch...

Powered by NoteCam

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Rud, Benifur

उत्तर की ओर गुन्ना रोडवेज से गुजरने वाली



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